

**Wyckoff Eagle Harbor Superfund Site – OUs 2 and 4
SSC Ecology – EPA Quarterly Coordination Meeting**

3/8/17

FINAL Meeting Summary

MEETING ATTENDEES

Beth Sheldrake, EPA	Barry Rogowski, Ecology
Helen Bottcher, EPA	Sandra Caldwell, Ecology
Deb Sherbina, EPA	Hun Seak Park, Ecology
	Sam Meng, Ecology
	Susannah Edwards, Ecology
	Dawn Hooper, Ecology
	Kate Snider, Floyd Snider

This meeting summary was prepared by Kate Snider and reviewed by all attendees. It is not a full record of the discussion, but a record of key discussion points and action items.

MEETING AGENDA

This meeting was the twenty-third quarterly coordination meeting held since the execution of the 2012 Superfund State Contract between USEPA and the state of Washington relating to remedial action and operations and maintenance at the Soil and Groundwater Operable Units (OUs 2 and 4) of the Wyckoff Eagle Harbor Superfund Site, Bainbridge Island, WA.

Appendix B of the Superfund State Contract is the “EPA/Ecology Site-Specific Statement of Work for Groundwater Treatment Plant Operations and Maintenance and Focused Feasibility Study Related to Permanent Mass Removal” (SOW). In accordance with the SOW, each quarterly meeting will address two goals:

- 1) Review progress on both Ecology and EPA Tasks defined in the SOW.
- 2) Discuss major schedule adjustment. The SOW states “If delays of more than one month are anticipated for any element [of the Focused Feasibility Study and Proposed Plan], project managers will elevate the matter to their immediate supervisors for discussion.

The meeting agenda included:

1. Progress Review – Ecology O&M Tasks
 - Operational status (Sam)
 - Maintenance issues for next four months (HSP)
 - Recalibration of transducers - to measure the accurate elevation of GW
 - Replacement of outdated HMI for system control
 - Removal of failing coating system and recoating with UV-resistant coating system of deteriorating FRP pipe exteriors in the tank farm enclosure
 - Disposal of 3,500 gal of NAPLs collected
 - Continued observation of any movement of existing metal sheet-pile walls

- Amendment of CH2M operation contract - sole source since March 2012
 - Request for EPA invoicing to Ecology by April for payment this biennium
- 2. Progress review – EPA tasks, status, schedule review
 - Response to Public Comments
 - Sediment disposal – confirmation Subtitle D landfill acceptable
 - Human Health cleanup level for sediments, EPA-Ecology coordination
 - Schedule – planned milestones in ROD process
 - From last meetings - “EPA expects to have a Draft ROD and Response to Comments in February and will submit to EPA HQ in March, with target date for signing in May”
 - FFS status – from last meeting – “EPA will need to finish both FFS documents to support the ROD”
 - MCC replacement and landscape contracting status
 - Remedial action planning – timing of change for treatment plant function, with wall or OU1 construction?
 - Wall corrosion evaluation
- 3. Phase 1 Cap Repair and OU 1 Subtidal
 - Phase 1 Cap Repair complete
 - OU1 sub-tidal monitoring
 - Process for transfer to State O&M requirements
- 4. 5-Year Review Process
 - Data to be collected (if any) for EPA’s 5-year review process

PROGRESS REVIEW – ECOLOGY O&M TASKS

- Ops are smooth. There were several short shutdowns for freezing weather. In one of the 10 locations, lost hydraulic control, but quarterly data shows net inward and upward gradient.
- Lower aquifer monitoring was last conducted in Summer 2016 by CH2M Hill for EPA, but data report has not been received. Ecology and EPA should discuss when to do an additional lower aquifer monitoring effort.
- Water Quality monitoring is in compliance for discharge.
- Lots of maintenance is being conducted in addition to normal maintenance – see list in agenda.
- In negotiations with CH2M Hill for continued operations – significant increases in labor costs, EPA and Ecology to discuss.
- Ecology request EPA to invoice as much as possible by April so that Ecology can pay by end of June.

PROGRESS REVIEW – EPA TASKS

- Working with ACOE on new interagency agreement for design
 - First task will be design of replacement for perimeter wall.
 - Then ACOE will hire an A&E consultant for completion of all Wyckoff design tasks.
- Have secured funding for FS, ROD and wall repair design – will be obligated by 4/28, before end of continuing resolution. Anticipate \$1.5M for design for this year.
- Helen is working on schedule for design and construction.
- In negotiations with CH2M Hill for contract extension. Multiple issues are hung up by the CH2M Hill contracting issues – FFS, ROD support).
- ROD – three key issues need resolution
 - Confirm Subtitle D landfill acceptable for material disposal
 - ARAR issue – human health cleanup level for sediments
 - Extent of ISS – to address public comments requesting more treatment, and quicker treatment, proposing more ISS. Helen is doing lots of work with the TarGOST logs to prepare this proposal.
- Regarding ARAR issue:
 - Recent clam tissue report has provided additional important information
 - Ecology (Susannah and Chance) are standing by to discuss when Helen is ready
 - The fact that this is an Interim ROD may factor into solution.
- Helen to develop schedule with interim milestones for ROD Process.
 - Goal is draft ROD in late April
 - Intent to go before Priority Panel in November for construction funding for perimeter wall replacement.
 - Must have a comprehensive SSC before November Priority Panel
 - Plan for Draft SSC in June with highlighted issues, and draft ROD
- Perimeter Wall Replacement
 - Wall corrosion is alarming – ACOE is very concerned – key issue for 5-Year review.
 - Plan for new outboard concrete wall.
 - ACOE evaluation and description of interim measures to maintain prior to replacement.
- MCC Replacement
 - Moving forward with brush clearing this summer
 - Separate contract for electrical work in summer to coincide with annual shutdown.
- Phase 1 Cap Repair is complete.
- OU1 has been sampled at West Beach and some subtidal areas (J9, J10)

- Data report expected by end of March
 - Evaluate per 2015 SSC for OU1 to determine status.
 - Planning ROV inspection on 3/29 – video of repair area for OU1 subtidal cap
 - Ecology expects transfer of O&M. Need to develop streamlined OMMP as part of the transfer process. Hun Seak and Susannah will develop next draft of OMMP table including recommended 5-Year review elements.
- EPA 5-Year Review is underway
 - Ecology will be providing information to EPA to support.